

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021540.D
 Acq On : 26 Mar 2021 20:04
 Operator : JC/MD
 Sample : VX0326WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 04:31:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

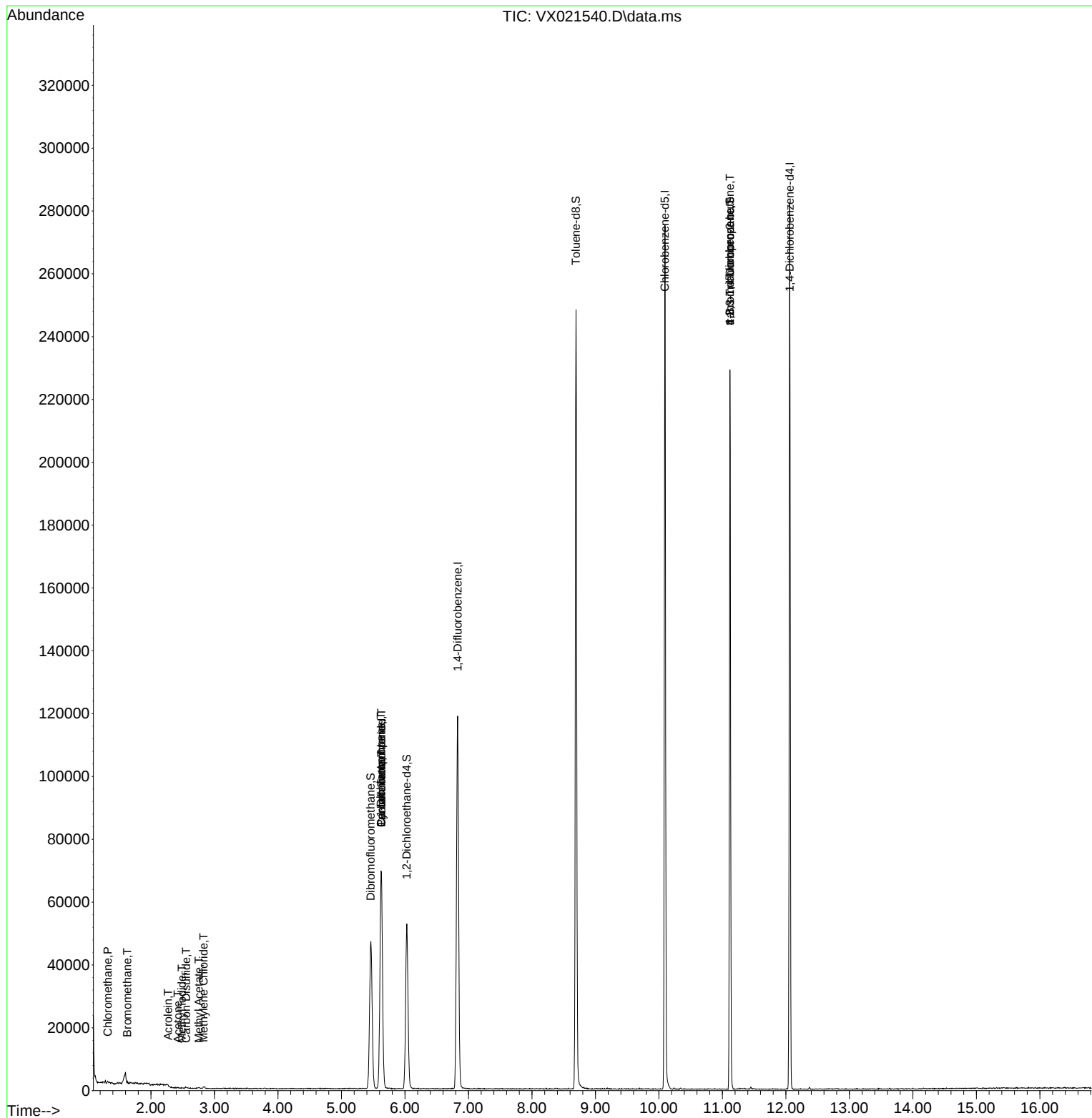
Internal Standards						
1) Pentafluorobenzene	5.629	168	60103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109734	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51542	51.54	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.08%
35) Dibromofluoromethane	5.458	113	38718	49.67	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.34%
50) Toluene-d8	8.694	98	140487	50.58	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.16%
62) 4-Bromofluorobenzene	11.118	95	56249	52.09	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.18%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1064	1.44	ug/l	93
5) Bromomethane	1.629	94	115	0.42	ug/l #	2
10) Methyl Iodide	2.487	142	62	6.75	ug/l #	42
13) Acrolein	2.270	56	41	4.78	ug/l #	14
16) Acetone	2.423	43	358	0.95	ug/l #	40
17) Carbon Disulfide	2.552	76	375	0.22	ug/l #	75
18) Methyl Acetate	2.752	43	309	0.28	ug/l #	47
20) Methylene Chloride	2.829	84	231	0.31	ug/l #	84
31) Cyclohexane	5.629	56	1683	1.53	ug/l #	8
36) 1,1-Dichloropropene	5.623	75	5734	5.33	ug/l #	50
38) Carbon Tetrachloride	5.629	117	6804	5.89	ug/l #	17
76) 1,2,3-Trichloropropane	11.118	75	32784	28.44	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	32784	86.64	ug/l #	12

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Mar 27 04:31:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

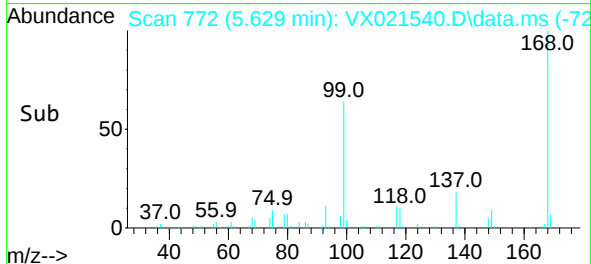
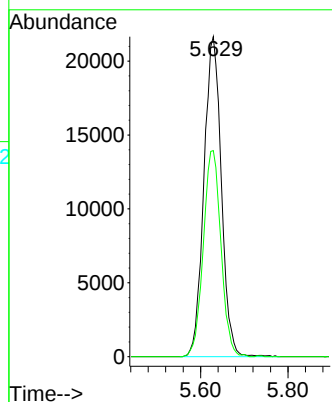
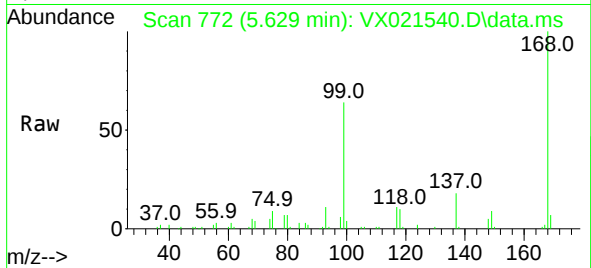




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

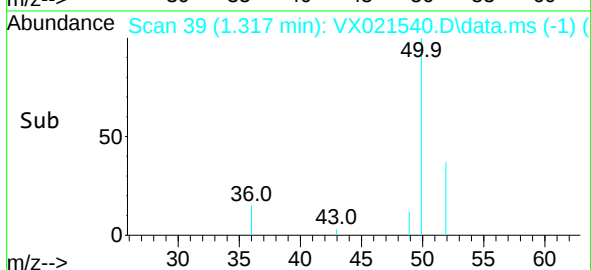
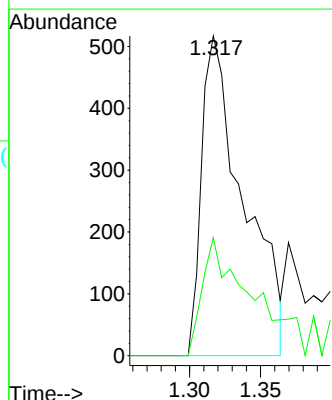
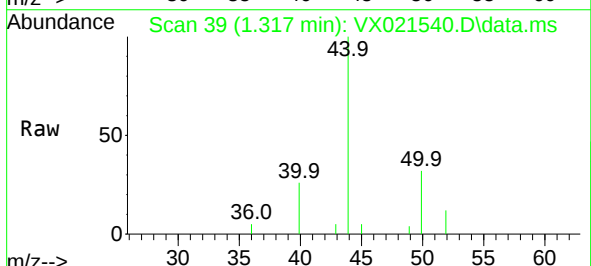
Instrument :
MSVOA_X
ClientSampleId :

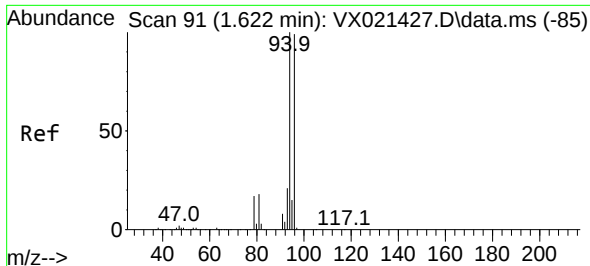
Tgt Ion:168 Resp: 60103
Ion Ratio Lower Upper
168 100
99 64.4 45.8 68.6



#3
Chloromethane
Concen: 1.44 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

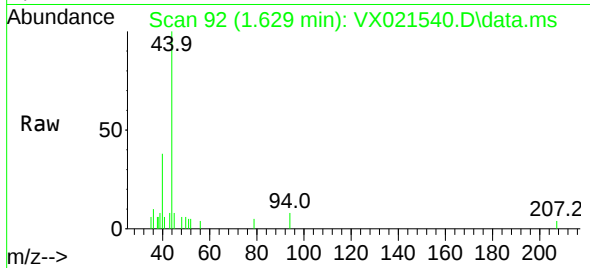
Tgt Ion: 50 Resp: 1064
Ion Ratio Lower Upper
50 100
52 36.9 26.4 39.6



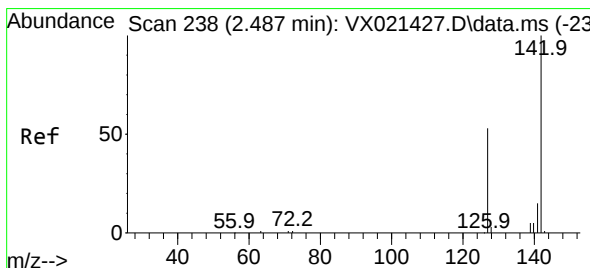
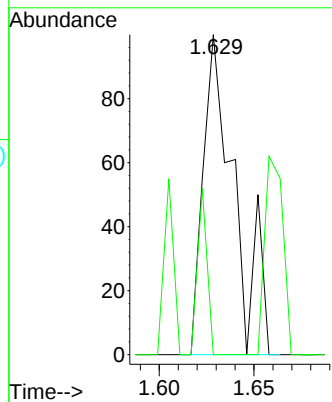
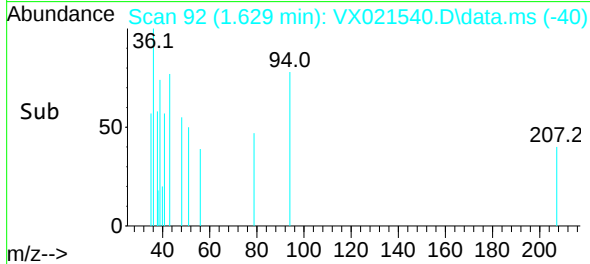


#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.629 min Scan# 92
Delta R.T. 0.007 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

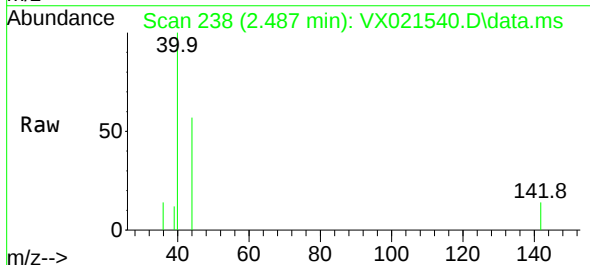
Instrument :
MSVOA_X
ClientSampleId :



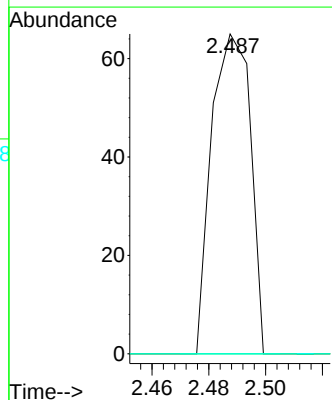
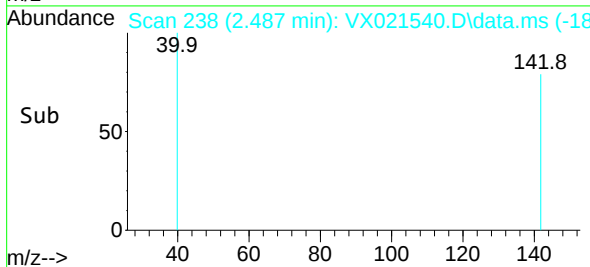
Tgt Ion: 94 Resp: 115
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

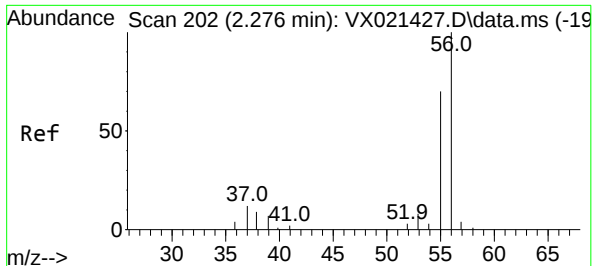


#10
Methyl Iodide
Concen: 6.75 ug/l
RT: 2.487 min Scan# 238
Delta R.T. 0.000 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04



Tgt Ion: 142 Resp: 62
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

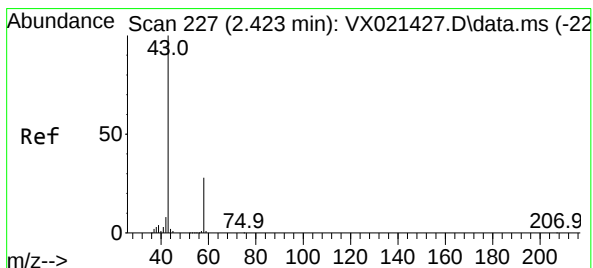
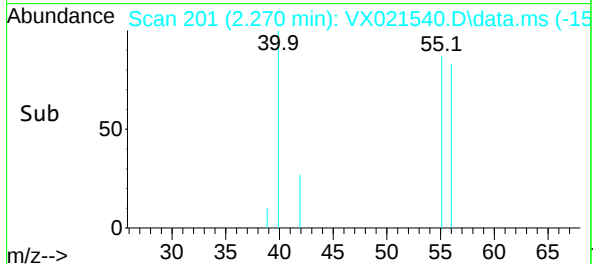
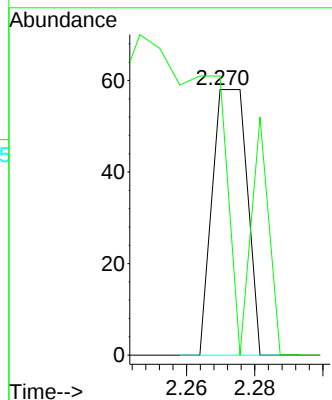
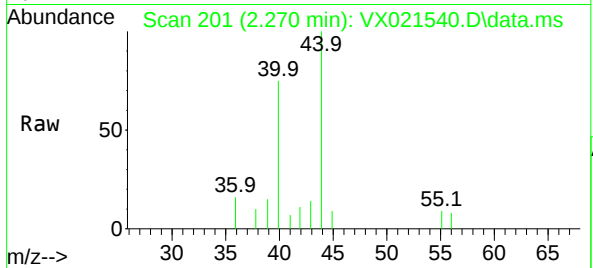




#13
Acrolein
Concen: 4.78 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

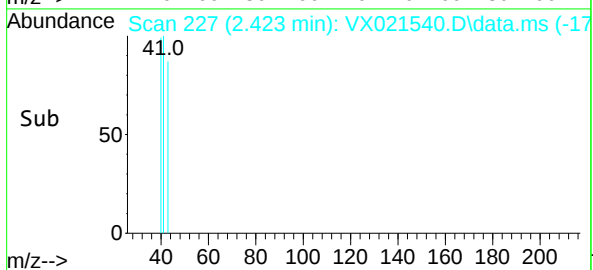
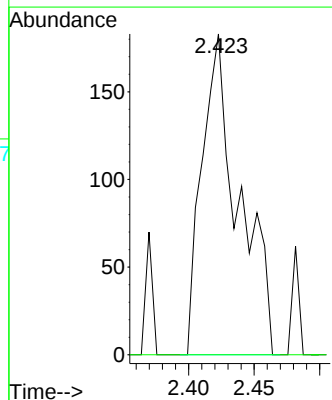
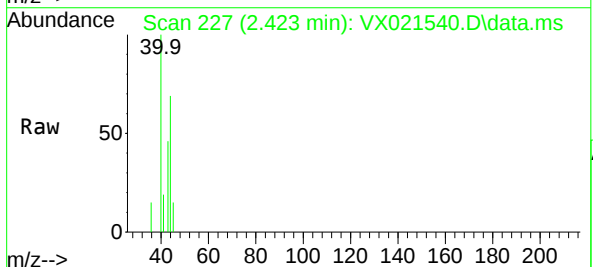
Instrument :
MSVOA_X
ClientSampled :

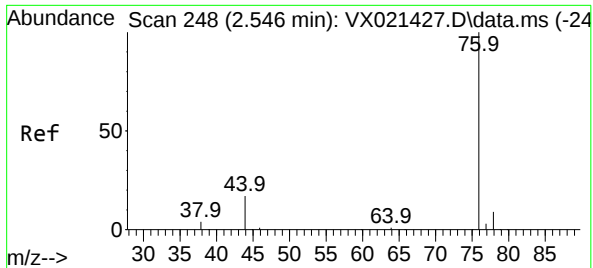
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.95 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

Tgt Ion: 43 Resp: 358
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

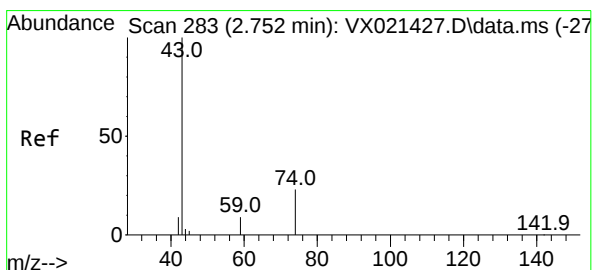
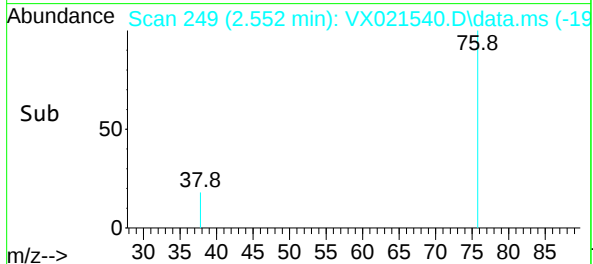
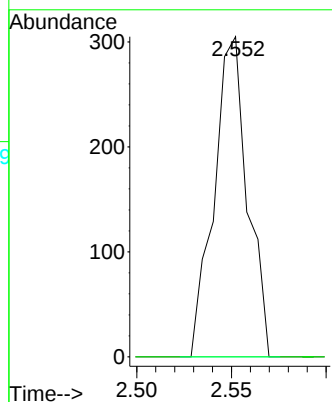
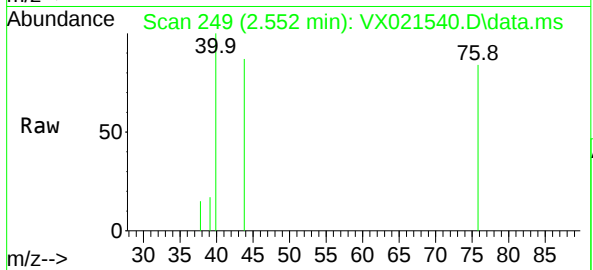




#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

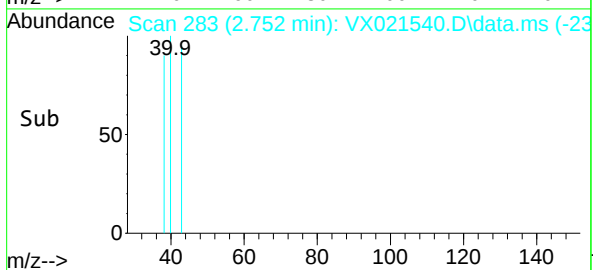
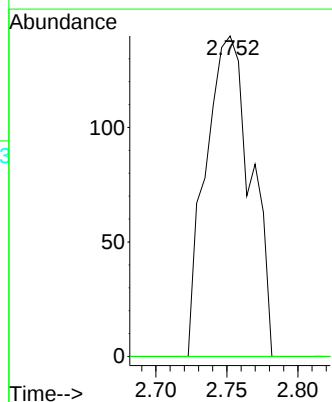
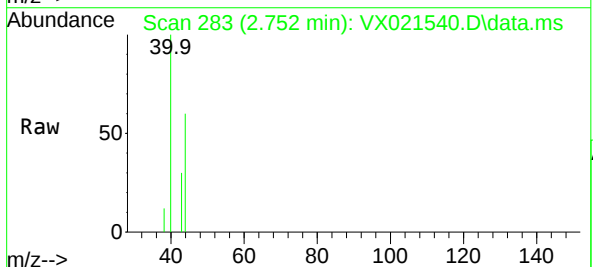
Instrument :
MSVOA_X
ClientSampled :

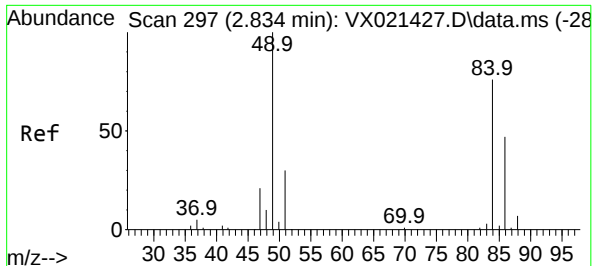
Tgt Ion: 76 Resp: 375
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.31 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.005 min

Lab File: VX021540.D

Acq: 26 Mar 2021 20:04

Tgt Ion: 84 Resp: 231

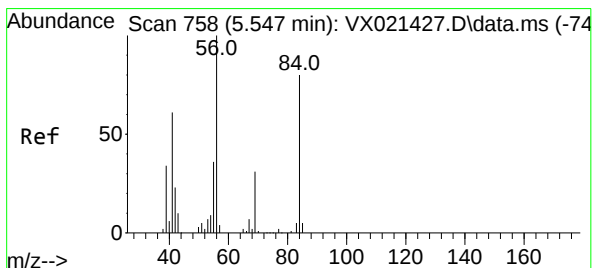
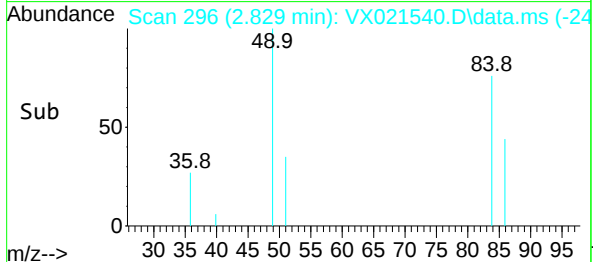
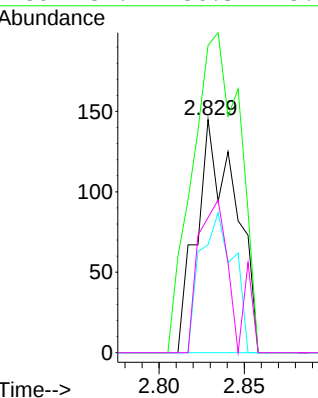
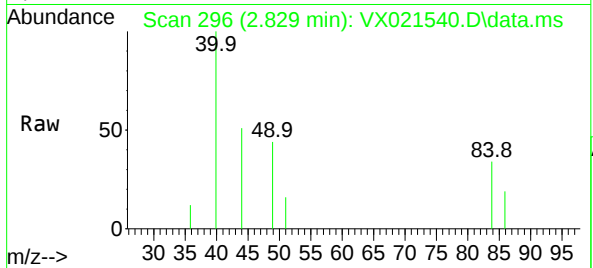
Ion Ratio Lower Upper

84 100

49 131.7 88.6 132.8

51 46.2 27.0 40.6#

86 57.9 50.3 75.5



#31

Cyclohexane

Concen: 1.53 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.082 min

Lab File: VX021540.D

Acq: 26 Mar 2021 20:04

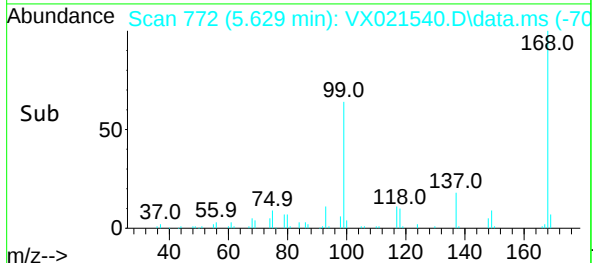
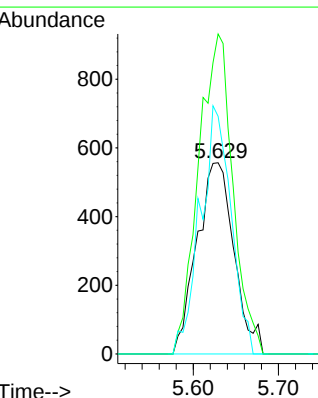
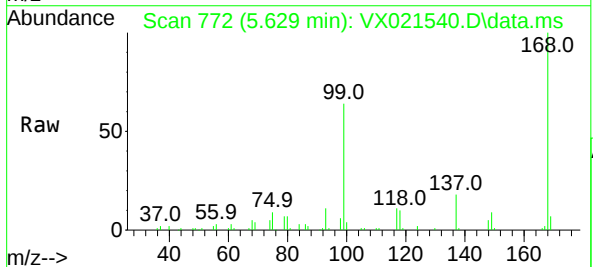
Tgt Ion: 56 Resp: 1683

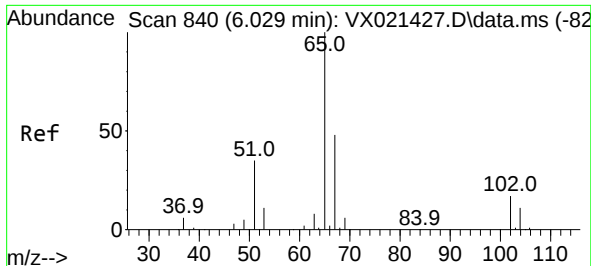
Ion Ratio Lower Upper

56 100

69 167.3 25.3 37.9#

84 124.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.54 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

Lab File: VX021540.D

Acq: 26 Mar 2021 20:04

Tgt Ion: 65 Resp: 51542

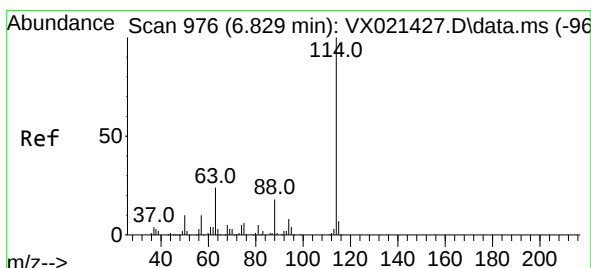
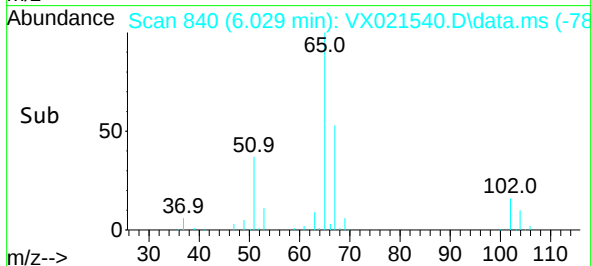
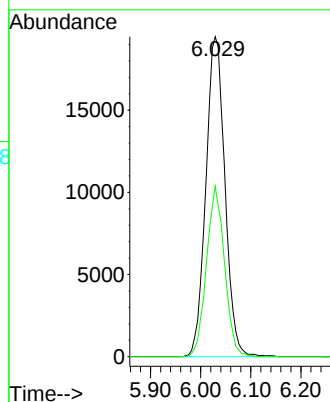
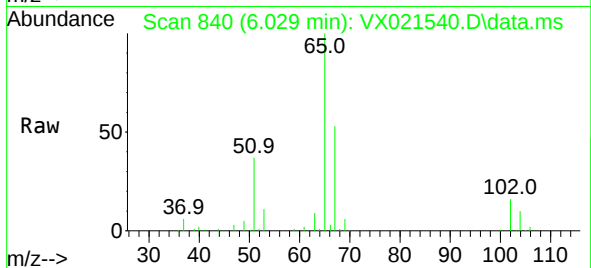
Ion Ratio Lower Upper

65	100		
67	50.2	0.0	105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

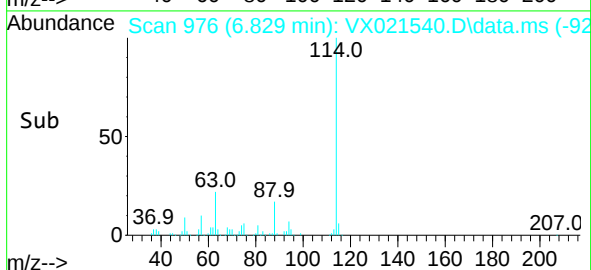
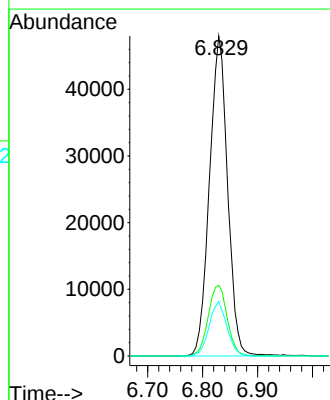
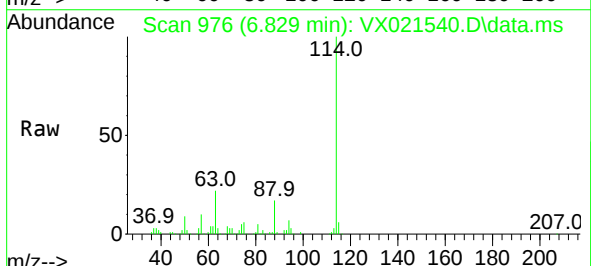
Lab File: VX021540.D

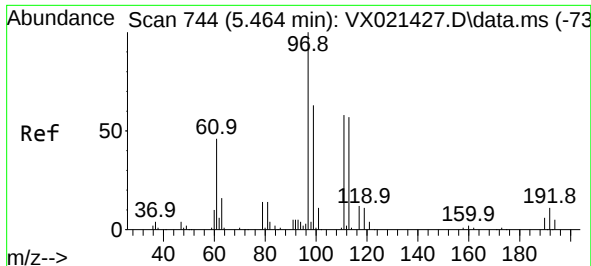
Acq: 26 Mar 2021 20:04

Tgt Ion: 114 Resp: 109734

Ion Ratio Lower Upper

114	100		
63	22.0	0.0	40.8
88	17.0	0.0	32.8

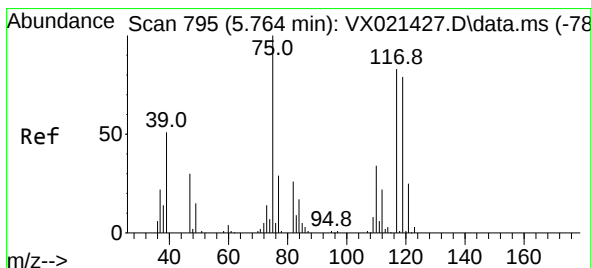
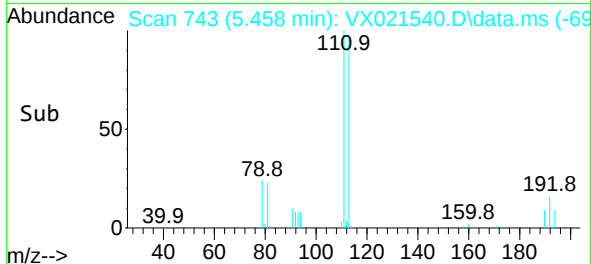
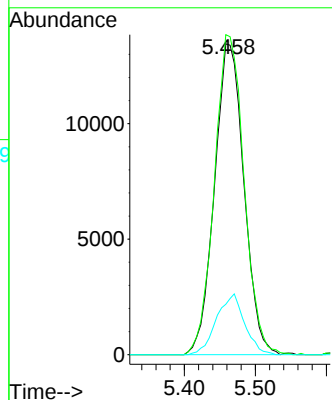
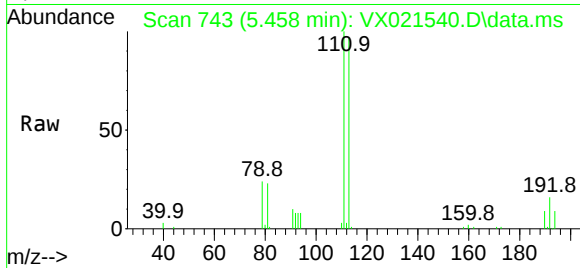




#35
Dibromofluoromethane
Concen: 49.67 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

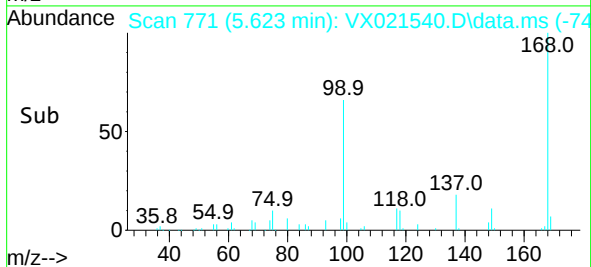
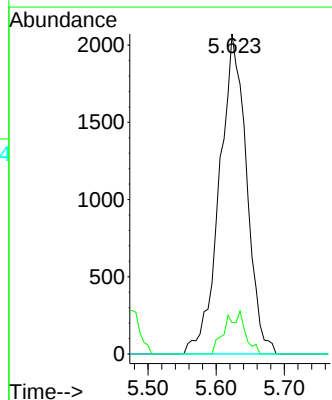
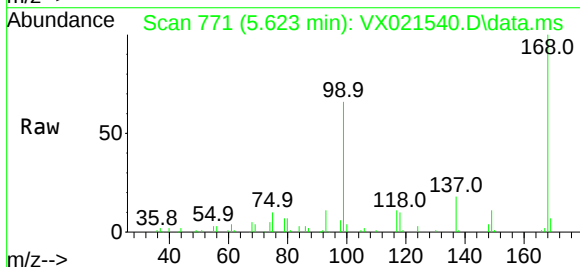
Instrument :
MSVOA_X
ClientSampleId :

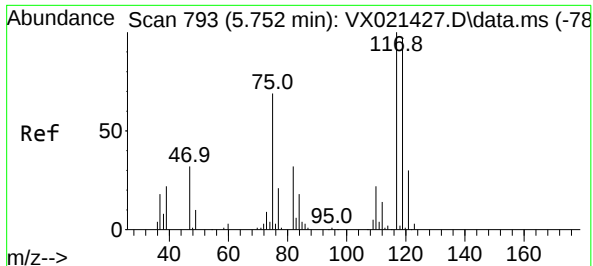
Tgt Ion:113 Resp: 38718
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 18.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.33 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

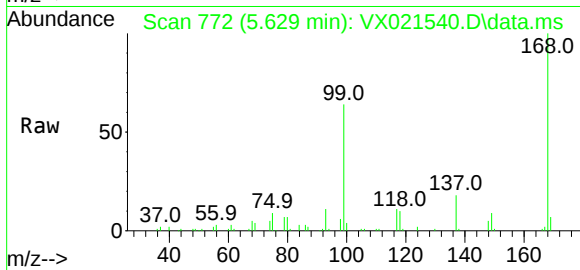
Tgt Ion: 75 Resp: 5734
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



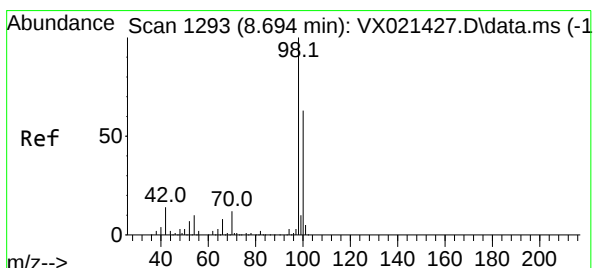
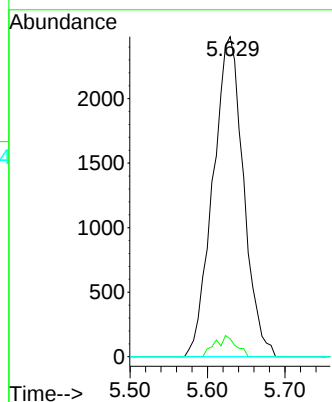
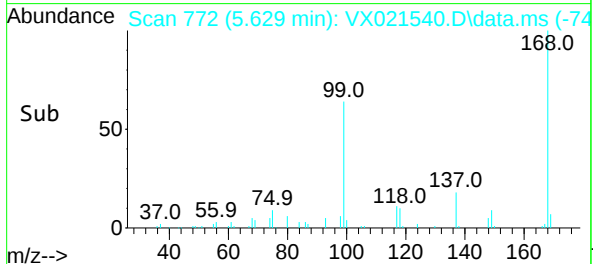


#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

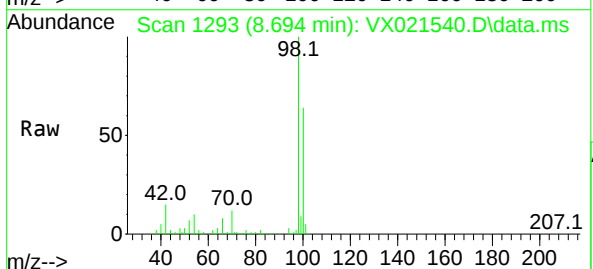
Instrument :
MSVOA_X
ClientSampled :



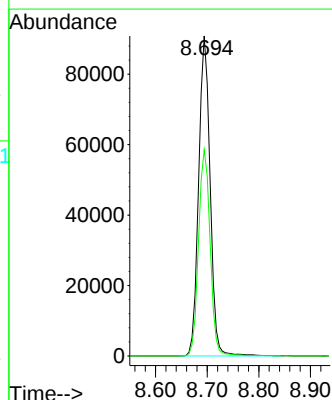
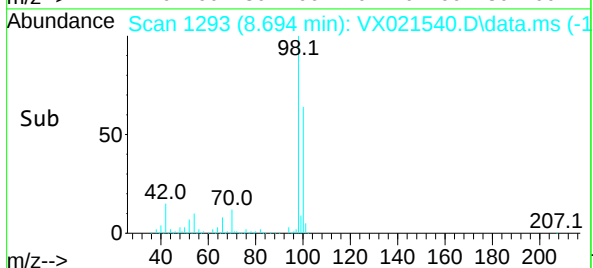
Tgt Ion:117 Resp: 6804
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

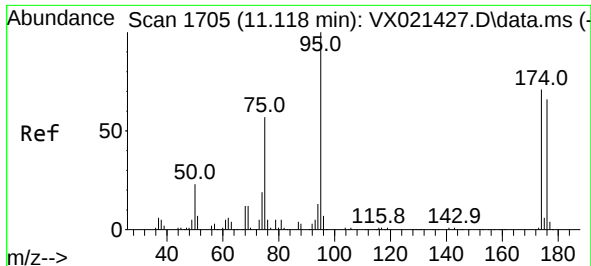


#50
Toluene-d8
Concen: 50.58 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04



Tgt Ion: 98 Resp: 140487
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

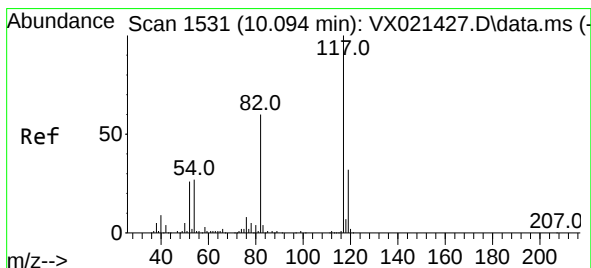
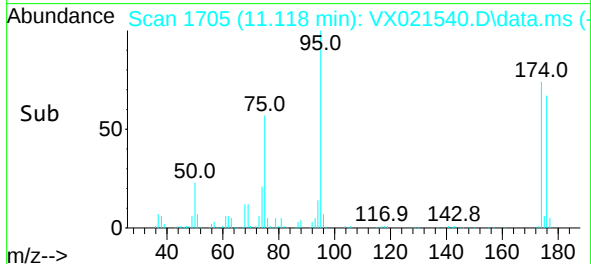
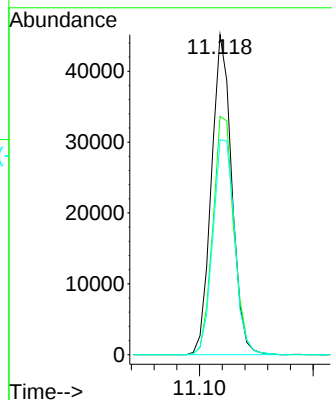
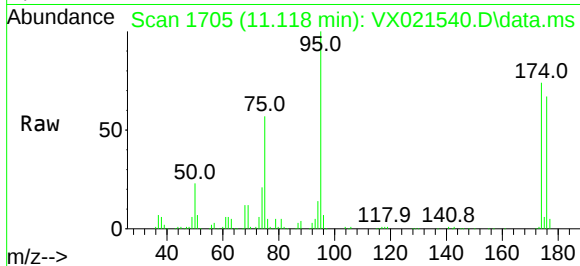




#62
4-Bromofluorobenzene
Concen: 52.09 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

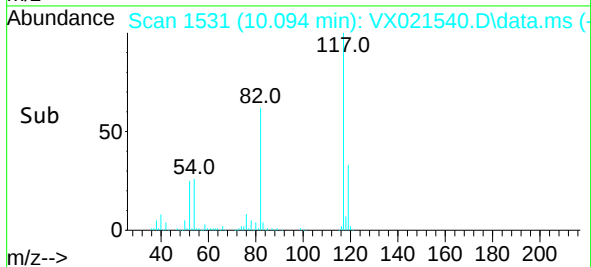
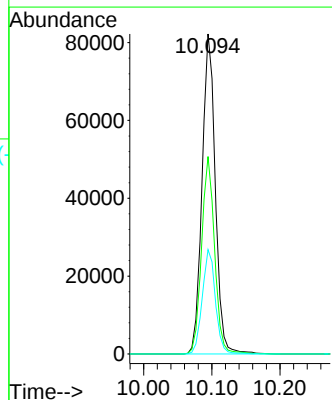
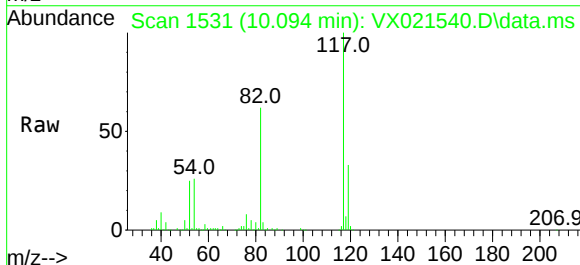
Instrument :
MSVOA_X
ClientSampled :

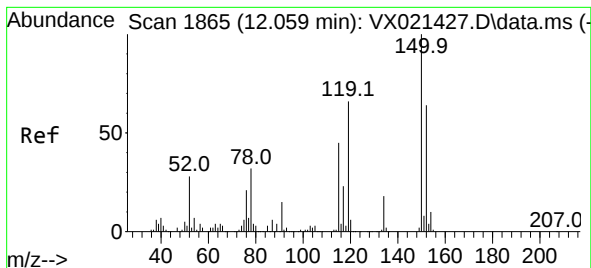
Tgt Ion: 95 Resp: 56249
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 72.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

Tgt Ion: 117 Resp: 111103
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 32.6 26.6 39.8

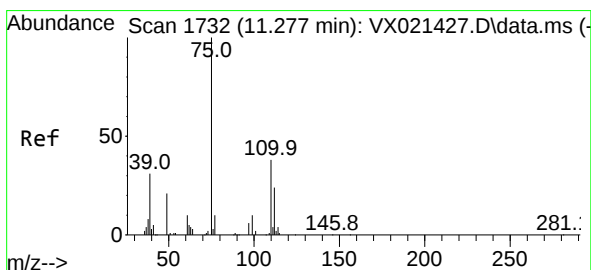
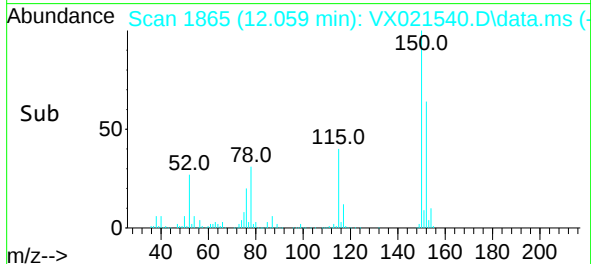
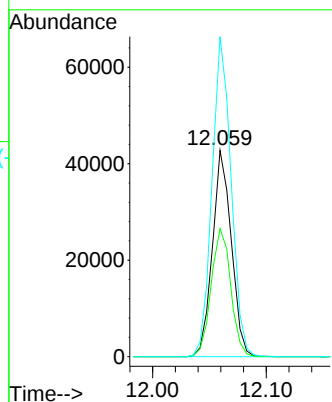
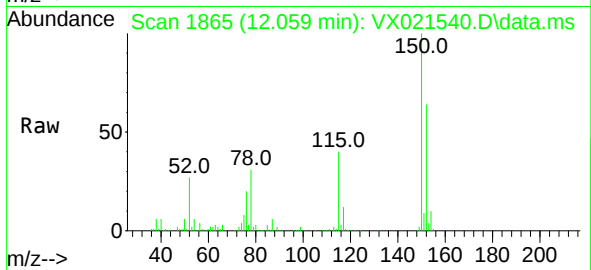




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

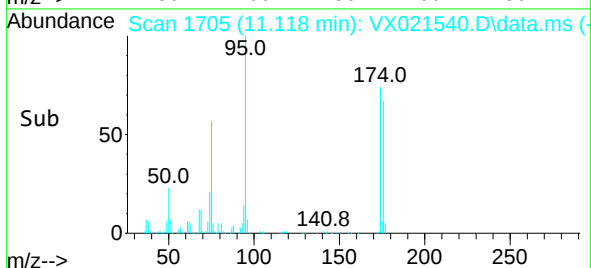
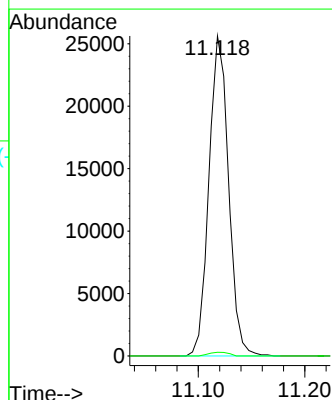
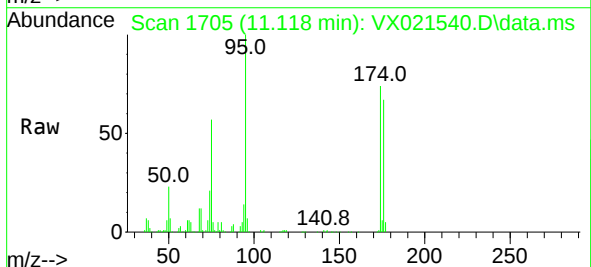
Instrument :
MSVOA_X
ClientSampleId :

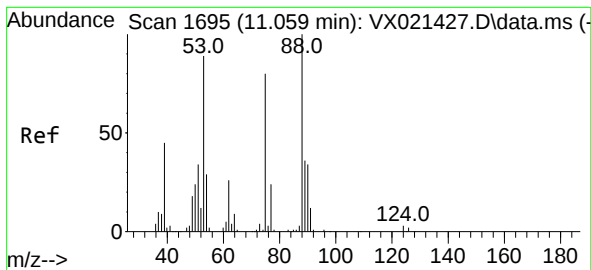
Tgt Ion:152 Resp: 49508
Ion Ratio Lower Upper
152 100
115 64.1 41.1 123.3
150 156.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.44 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021540.D
Acq: 26 Mar 2021 20:04

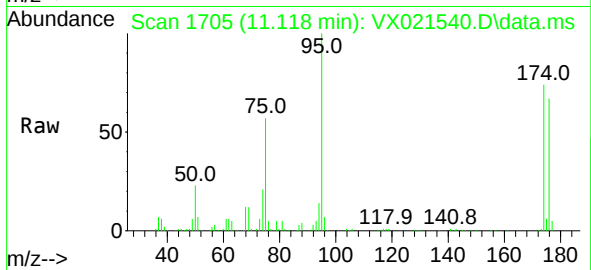
Tgt Ion: 75 Resp: 32784
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.64 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021540.D
 Acq: 26 Mar 2021 20:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 32784
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

